Corrections of Homonyms in Conotrachelus, and a Species List for Pheloconus

(Coleoptera: Curculionidae)

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In preparation for renewed studies in New World Coleoptera, the following necessary changes have come to my attention.

Conotrachelus Schönherr

- aculeatus Papp, new name for hirsutus Fiedler 1940:108 (not Montrouzier 1860:893) from Bolivia. Type in the Kraatz collection, Deutsches Entomologisches Institut,
- carli Papp, new name for humeridens Fiedler 1943:14, and 15-16 (not Hustache 1940:124) from Brazil. Type in the Chevrolat Collection, Museum Stockholm. In honor of the late Dr. Carl Fiedler.
- exoptorostris Papp, new name for longirostris Bondar 1945:327 (not Champion 1904:354) from Brazil. Type in the Bondar collection, American Museum of Natural History, New York.
- inquinoflavus Papp, **new name** for *griseoflavus* Fiedler 1943:26, and 28-29 (not Fiedler 1940: 329) from Colombia. Type in the Chevrolat collection, Museum Stockholm.
- nigrivallus Papp, new name for quadraticollis Fiedler 1954:131, and 136-137 (not Fiedler 1940:348-349, and 358) from Brazil. Type in the Sahlberg collection, Museum Stockholm.
- pallidus Papp, **new name** for albosignatus Bondar 1945:321 (not Champion 1904:359) from Brazil. Type in the American Museum of Natural History, New York.
- paranus Papp, new name for tuberosus Fiedler 1940:244, and 266 (not LeConte 1876:233) from Brazil and Colombia. Type in the British Museum (Natural History), London.
- quaestosus Papp, new name for pallidirostris Fiedler 1943:45, and 56-57 (not Fiedler 1940: 154,161-162) from Cayenne. Type in the Chevrolat collection, Museum Stockholm.
- schoofi Papp, new name for tibialis Schoof 1942:91-94 (not Hustache 1939:101; not Fiedler 1940:35, and 48) from Mississippi, Iowa, Illinois, Kansas, Louisiana, Massachusetts, Missouri, West Virginia. Holotype (male, No. 54310) and Allotype (female) in the United States National Museum, Washington, D.C.
- secernosus Papp, new name for divisus Fiedler 1954:131, and 136 (not Champion 1904:401) from Brazil. Type in the Kraatz collection, Deutsches Entomologisches Institut, Berlin.
- variabilis Papp, new name for variolosus Fiedler 1943:15, and 25 (not Hustache 1939:99) from Brazil. Type in the Chevrolat collection, Museum Stockholm.
- vorruptus Papp, **new name** for interruptus Fiedler 1943:28, and 42-43 (not Pascoe 1889:330) from Cayenne. Type and paratypes in the British Museum (Natural History), London, additional paratypes in Museum Dresden.

In 1948, when I completed my papers on Cryptorhynchini (Papp: 1950 and 1951) I was unaware of the publication of Blackwelder's Checklist, Part 5 (1947), where adjustments were made for, among

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others, one of Fiedler's names, which I had also corrected. The correct citation should now be:

repetitio Blackwelder 1947:853 for *lutulentus* Fiedler 1940:358 (not Fiedler 1940:86, and 92) from Brazil (type in the Faust collection, Museum Dresden). syn.: *fiedleri* Papp 1951:484 (not Bondar 1944:195).

Pheloconus Roelofs

Hustache (1936:38) regarded *Phelocomus* as an independent genus very closely related to *Conotrachelus*. Species shuffling between the two genera is recorded in the bibliographical data by Hustache (1936). Working with Fiedler's types (Papp 1950, and 1951) and evaluating Fiedler's argument (1940:6, and 15; 1943: 4-5, this paper sometimes erroneously cited as 1944) on the validity of the generic concept, we (Papp and Varga, 1951) came to the conclusion that despite the morphologically slight differences in generic characters, the genus *Pheloconus* Roelofs should be recognized. Fiedler's final position was later clearly reflected in his writing (Fiedler 1954) and attempts to break up the genus *Conotrachelus*.

There is considerable confusion as far as the type of the genus is concerned. Roelofs selected *pilosellus* Boheman (1845) as genotype, a species known in *Conotrachelus*. Then Champion made a statement (1904:419) "I have seen the types of *C. rubicundulus* and *C. pilosellus*, Boh., the former being abraded and the latter densely squamose." On this basis then *pilosellus* became a synonym of *rubicundulus*, as recorded by Champion (1904:418), and Hustache (1936:38).

The following list of species includes three species from North America, north of Mexico. Their inclusion in the genus is based solely on description, as mentioned by Fiedler (1940:15; hispidus LeConte mispelled "hispidulus". Not identical with hispidulus Hustache 1924:184). To assist further study of the individual species of the Neotropical region the location of the type specimens are mentioned.

Roelofs, Ann. Soc. Entomol. Belg., 18, 1875:193. — Fiedler, Monograph. London 1940:6. — Papp and Varga, Portug. Acta. Biol., (B), 3(3), 1951:8. — Fiedler, Neue Südamer. Rüsselk., Jena 1954:138.

aequalis Fiedler, Monograph 1940:8, and 12 (Conotrachelus). Type in the British Museum (Nat. Hist.). New combination.

Brazil

albifrons Fiedler, Neue Südamer. Rüsselk., Jena 1954:91, and 93. Type in the Kraatz collection, Deut. Entom. Inst., Berlin.

Paraguay

albomaculatus Fiedler, Monograph 1940:7, and 8-9 (Conotrachelus). Type in the Kraatz collection, Deut. Entom. Inst., Berlin. New combination.

Brazil

ambiguus Faust, Stett. Ent. Zeit., 54,1893:361. Type in the Faust collection, Museum Dresden. New combination.

Venezuela

atrofasciatus Fiedler, Neue Südamer. Rüsselk., Jena 1954:90, and 91. Type in Museum Hamburg.	Brazil
cretatus Fiedler, Monograph 1940:7-8, and 11-12 (Conotrachelus). Type and paratype in British Museum (Nat. Hist.). New combination.	Brazil
cribricollis Say, Descr. Curc. North Amer., 1831:28 (Cryptorhynchus). Proposed by Fiedler 1940: 15.	Eastern half of USA.
fasciolatus Kirsch, Abhandlg. Zool. Mus. Dresden (4), 1889:33 (Conotrachelus). Type in Museum Dresden. New combination.	Ecuador
flavicans Fiedler, 1940:8, and 12-13 (Conotrachelus). Type in Museum Stettin. New combination.	Brazil
flavosparsus Fiedler, Neue Südamer. Rüsselk., Jena 1954:138, and 140. Type in Museum Stockholm.	Brazil
glabriventris Champion, Biol. CentrAmer., Col. 4, 1904:356. Type in the British Museum (Nat. Hist.). Proposed by Fiedler 1940: 15.	Panama
hispidus LeConte, Proc. Amer. Philos. Soc., 15,1876:235 (Conotrachelus). Champion (1904:419) and Fiedler (1940:15) indicates that this species probably synonym to rubicundulus Boheman (1837:447) with distribution from Mexico to Argentina.	Georgia
hystricosus Champion, Biol. CentrAmer., Col. 4, 1904:419 (Conotrache- lus). Type in the British Museum (Nat. Hist.). Proposed by Fiedler, 1904:15.	Panama
infector Boheman, in Schönherr, Gen. Spec. Curc. 8(2), (Conotrachelus). Type in Museum Stockholm. Proposed by Fiedler, 1940:15.	New York, Pennsylvania, Indiana
lividipes Fiedler, Neue Südamer. Rüsselk., Jena 1954:138, and 141-142. Type in Museum Stockholm.	Brazil
longirostris Fiedler, op. cit., 1954:91, and 93. Type in Museum Hamburg. luticollis Fiedler, op. cit., 1954:138, and 142. Type in Museum Stockholm.	Brazil Brazil
moestus Fiedler, op. cit., 1954:138, and 142. Type in Museum Stockholm.	Brazil
nebulosus Fiedler, Monograph 1940:8, and 13-14 (Conotrachelus). Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. New combination.	Bolivia, Peru
nudoscutellatus Fiedler, Neue Südamer. Rüsselk., Jena, 1954:138, and 139. Type in the Paris Museum.	Venezuela
nubiferus Fiedler, op. cit., 1954:90, and 92. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin.	Brazil
olivaceus Fiedler, op. cit., 1954:91, and 93-94. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin.	Bolivia
orchestoides Fiedler, Monograph 1940:7, and 11 (Conotrachelus). Type and paratypes in the British Museum (Nat. Hist.). New combination.	Brazil
pallidus Faust, Stett. Ent. Zeit. 54, 1893:361 (Conotrachelus). Type in Museum Dresden. New combination.	Panama, Colombia, Brazil
pallisteri Kissinger, Amer. Mus. Novit., 1962:15-18. Types in the Amer. Mus. Nat. Hist., New York. New combination.	Mexico
plagiatus Fiedler, Neue Südamer. Rüsselk., Jena 1954: 138-139. Type in Museum Stockholm.	Brazil
propinguus Fiedler, Monograph 1940:7, and 9 (Conotrachelus). Type in the Kraatz collection, Duetsch. Ent. Inst., Berlin. New combina-	Brazil
tion. rubicundulus Boheman, in Schönherr, Gen. Spec. Curc. 4 (1), 1837:447 (Conotrachelus). Type in Museum Stockholm.	Mexico to Argentina
subcarinatus Fiedler, Neue Südamer, Rüsselk., Jena 1954:90, 91 and 92. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin.	Brazil '

subtriangularis Fiedler, op. cit., 1954:138, and 141. Type in Museum Brazil Stockholm. sylvius Boheman, in Schönherr, Gen. Spec. Curc. 8(2), 1845:51. Type in Guiana Museum Stockholm. New combination. tricinctus Fiedler, Neue Südamer. Rüsselk., Jena 1954: 90, and 92. Type Bolivia in the Kraatz collection, Deutsch. Ent. Inst., Berlin. tricolor Fiedler, op. cit., 1954:138, and 139-140. Type In Museum Stock-Chile variegatus Boheman, Eugen. Resa 1859:143 (Conotrachelus). Type in Brazil Museum Stockholm. New combination. versicolor Fiedler, Monograph 1940:8, and 14-15 (Conotrachelus). Type Peru in the Kraatz collection, Deutsch. Ent. Inst., Berlin. New combination.

Literature Cited

- Blackwelder, R.E. 1947. Checklist of the Coleopterous insects of Mexico, Central America, the West Indies, and South America. Part 5. Bull. 185, Smithsonian Inst., U.S. Nat. Mus., pp. 765-925.
- Boheman, C.H. 1837. In Schönherr, Genera et species curculionidum. 4 (1):1-600.
- Boheman, C.H. 1845. In Schönherr, Genera at species curculionidum. 8 (2):1-504.
- Boheman, C.H. 1859. Coleoptera. Species nova descripsit. In Kongliga Svenska Fregatten Eugenies resa, Zoologi, 1 (Insecta):113-118.
- Bondar, G. 1944. Notas entomológicas. Revista Entomol. Rio de J., 15:191-204.
- Bondar, G. 1945. Notas entomológicas. Revista Entomol. Rio de J., 16:89-112.
- Champion, G.C. 1904. Biologia Centrali-Americana. Coleoptera 4(4), Curculionidae. Pp. 313-440.
- Champion, G.C. 1906. Op. cit., pp. 727-728.
- Faust, J. 1893. Reise von E. Simon in Venezuela. Curculionidae. Stett. Entomol. Zeit., 54:313-368.
- Fiedler, K. 1940. Monograph of the Southamerican Weevils of the Genus *Conotrachelus*. Brit. Mus. (Nat. Hist.), London. 365 pp., frontisp. and 65 figs.
- Fiedler, C. 1943. Neue südamerikanische Conotrachelus aus der Sammlung Chevrolat's im Reichsmuseum in Stockholm. Ark. f. Zool., 35A, (6):1-63.
- Fiedler, C. 1954. Neue südamerlkanische Arten der Gattung Conotrachelus Schönh. In "Neue sudamerikanische Rüsselkäfer". Fischer Verlag, Jena, pp. 90-137.
- Fiedler, C. 1954. Neue südamerikanische Arten aus der Subfamilie der Cryptorhynchiden. In "Neue südamerikanische Rüsselkäfer". Fischer Verlag, Jena, pp. 138-149.
- Hustache, A. 1924. Curculionides de l'exploration Lizer-Delétang au Chaco Bolivien. An. Soc. Cient. Argent., Buenos Aires, 97:156-191.
- Hustache, A. 1936. Curculionidae: Cryptorrhynchinae. In Junk and Schenkling Coleopterorum Catalogus, part 151, 317 pp.
- Hustache, A. 1939. Descripción de une espècie nueva del genero *Conotrachelus* Sch. Not. Mus. La Plata, 14, Zool. (23): 323-325.
- Hustache, A. 1939. Curculionides noveaux de l'Argentine at autres régions Sudaméricaines. Ann. Soc. Cient. Argent., Buenos Aires, 128:99-124.
- Hustache, A. 1940. Curculionides nouveaux de l'Argentine et autres régions Sudaméricaines (deuxième note). Ann. Soc. Cient. Argent., 129:112-144.
- Kirsch, T.F. 1875. Beiträge zur Kenntnis der Perusanischen Käferfauna auf Dr. Abendroth's Sammlugen basiert. Deut. Entomol. Zeit., 19:161-208.
- Kirsch, T.F. 1889. Coleopteren gesammelt in den Jahren 1868-1877 auf einer Reise durch Süd Amerika von Alphons Stubel. Abh. Zool. Mus., Dresden, No. 4:1-58.
- Kissinger, D.G. 1962. The Curculionid Beetles Collected on the Explorers Club American Museum of Natural History Entomological Expedition to Yucatan, Mexico, in 1952. Amer. Mus. Novit., No. 2086:1-28, figs.

- LeConte, J.L. 1876. In LeConte and Horn: The Rhynchophora of America, North of Mexico. Proc. Amer. Philos. Soc. 15 (No. 96):VII-XVI, 1-12, and 112-455, (225-235).
- Montrouzier, X. 1860. Essai sur la fauna entomologique de la Nouvelle-Calédonie (Balade) et des lles des Pins, Lifu, etc. Ann. Soc. Entomol. France, ser. 3, 8:867-916.
- Papp, C.S. 1950. Verzeichnis der von Dr. Carl Fiedler beschriebenen südamerikanischen Cryptorhynchinen. Part 1. Ark. f. Zool., Ser. 2, 1(11):147-172.
- Papp, C.S. 1951. Op. cit., Part 2. Ark. f. Zool., Ser. 2, 2(3):457-518.
- Papp, C.S. and G.A. Varga, 1951. Über die Cryptorhynchinen-Gattung Conotrachelus. Portug. Acta Biol. (B), 3(3):7-29.
- Pascoe, F.P. 1889. On the weevil genus *Centrinus* and its allies. Ann. Nat. Hist., 6(4):321-330.
- Roelofs, W. 1875. Diagnoses d'espèces nouvelles de curculionides. Ann. Soc. Entomol. Belg., 18:193.
- Say, T. 1831. Descriptions of North American curculionides and an arrangement of some of our known species agreeably to the method of Schonherr. New Harmony, Indiana, 30 pp.
- Schoof, H.F. 1942. The Genus Conotrachelus Dejean (Col.:Curculionidae) in the North Central United States. III. Biol. Monogr., 19(3):1-170, figs.

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